

U.S. PATENT NO. 6,185,683	Stefik
2. A system including:	By "Stefik," reference is made to each Stefik et al. reference cited in the asserted InterTrust patents (e.g., USP 5,634,012, issued May 27, 1997) and to USP 5,715,403, issued Feb. 3, 1998; further reference is made to all related methods practiced at Xerox PARC and/or ContentGuard prior to InterTrust's alleged or actual priority date.
(a) a first apparatus including,	E.g., a computer. Repositories, for example, "provide a core set of services for the transmission of digital works." ('012 13:43) ('403, '012 Figs. 1-4B, Glossary).
(1) user controls,	See '403 14:16-38 (the hardware embodiment of a repository comprises processing and storage means, and external interface); '403 14:16-15:4 (repository operating system etc.); '403 16:62-6 (repository interface may include keyboard etc.). '403 8:34-39, '012 8:23-28 ("Examples of a rendering system may be a computer system, a digital audio system, or a printer.") '403 15:34-46 (repositories can be workstations).
(2) a communications port,	repository communications port for transmission of digital works etc.
(3) a processor,	repository processor.
(4) a memory storing:	repository memory storing:
(i) a first secure container containing a governed item, the first secure container governed item being at least in part encrypted; the first secure container having been received from a second apparatus;	"secure container" is indefinite, but as used by InterTrust in its 3-1 Statement would include the "digital works" described in Stefik, such as movies, digital certificates or other authorization information, (see e.g. '403 cols. 9-11, 22:65-23:1, 41:52-55, 44:52), "and any accompanying interpreter (e.g. software) that may be required for recreating the work." ('403 6:48-54). Content may be compressed or encrypted ('403 9:60 and Table 2), and the digital works may be object-oriented. <sup>1</sup> See, e.g., '403 10:51, '012 10:40 ("It would be natural to represent content as objects.") Works, in particular composite works, can be organized in hierarchies or other "acyclic" structures. ('403 6:52-54, 9:21-23 and cols. 9-12 in both '012 & '403, '403 32:5-7).
(ii) a first secure container rule at least in part governing an aspect of access to or use of said first secure container governed item, the first secure container rule having been received from a third	"secure container rule" is indefinite, but as used by InterTrust in its 3-1 Statement, this element would include "usage rights," certificates, and repository and rendering system software. Usage rights are written using a usage rights grammar, and can come from a 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , or n <sup>th</sup> , source. See e.g. Stefik '012 6:42-47, 18:52 et seq., Glossary and Fig. 15. Controls (which InterTrust alleges is synonymous with "rules") can be associated

<sup>1</sup> It was thus obvious to use any known object oriented techniques, such as in Smalltalk, Bento, OpenDoc, or OLE/COM, in connection with disclosures of Stefik. (Likewise for CNI/IMA 94, Choudhury/Maxemchuk, Tygar/Yee, Blaze, etc.) (see e.g. Microsoft's prior '683 P.L.R. 3-3 Statement for full citations). See, for example, W. LaLonde, J. Pugh, *Inside Smalltalk* (Prentice Hall 1990); Harris et al., *Apple Bento, Specification v 1.0d5* (July 1993); Peter Coad, "Object Oriented Patterns" (Comm. of the ACM, Sept. 1992); *OLE 2 Programmers Reference vol. 1* (Microsoft Press 1994). For example, using the observer design pattern or model view controller or broadcast pattern, objects can initiate notifications regarding embedded objects, e.g., objects may be saved to secure data stream and transferred to other controls. Another example is the COM Service Control Manager.

U.S. Application No. 09/870,801

Exhibits B & C:  
Third Notice of Related Litigation